

**42 Physical Inactivity in Patients With Rheumatoid Arthritis: Data From Twenty-One Countries in a Cross-Sectional, International Study**

Tuulikki Sokka, Arja Häkkinen, Hannu Kautiainen, Jean Francis Maillefert, Sergio Toloza, Troels Mørk Hansen, Jaime Calvo-Alen, Rolf Oding, Margareth Liveborn, Margriet Huisman, Rieke Alten, Christof Pohl, Maurizio Cutolo, Kai Immonen, Anthony Woolf, Eithne Murphy, Claire Sheehy, Edel Quirke, Selda Celik, Yusuf Yazici, Witold Tlustochowicz, Danuta Kapolka, Vlado Skakic, Bernadette Rojkovich, Raili Müller, Sigita Stropuviene, Daina Andersone, Alexandros A. Drosos, Juris Lazovskis, and Theodore Pincus, on behalf of the QUEST-RA Group

*Pediatric Rheumatology*

**51 Comparison of Vancouver and International League of Associations for Rheumatology Classification Criteria for Juvenile Psoriatic Arthritis**

Matthew L. Stoll, Peter Lio, Robert P. Sundel, and Peter A. Nigrovic

**59 Responsiveness of Exercise Parameters in Children With Inflammatory Myositis**

Tim Takken, Janjaap van der Net, Raoul H. H. Engelbert, Suzanne Pater, and Paul J. M. Helders

**65 Asking the Experts: Exploring the Self-Management Needs of Adolescents With Arthritis**

Jennifer N. Stinson, Patricia C. Toomey, Bonnie J. Stevens, Susan Kagan, Ciarán M. Duffy, Adam Huber, Peter Malleson, Patrick J. McGrath, Rae S. M. Yeung, and Brian M. Feldman

*Rehabilitation*

**73 Patellar Taping and Bracing for the Treatment of Chronic Knee Pain: A Systematic Review and Meta-Analysis**

Stuart J. Warden, Rana S. Hinman, Mark A. Watson, Jr., Keith G. Avin, Andrea E. Bialocerkowski, and Kay M. Crossley

**84 Effect of Two Contrasting Types of Physical Exercise on Chronic Neck Muscle Pain**

Lars L. Andersen, Michael Kjær, Karen Søgaard, Lone Hansen, Ann I. Kryger, and Gisela Sjøgaard

**92 A Randomized Controlled Trial of the People With Arthritis Can Exercise Program: Symptoms, Function, Physical Activity, and Psychosocial Outcomes**

Leigh F. Callahan, Thelma Mielenz, Janet Freburger, Jack Shreffler, Jennifer Hootman, Teresa Brady, Katherine Buysse, and Todd Schwartz

*Disparities*

**102 Understanding Ethnic Disparities in the Use of Total Joint Arthroplasty: Application of the Health Belief Model**

Dennis C. Ang, Patrick O. Monahan, and Terry A. Cronan

*Gout*

**109 Sugar-Sweetened Soft Drinks, Diet Soft Drinks, and Serum Uric Acid Level: The Third National Health and Nutrition Examination Survey**

Jee Woong J. Choi, Earl S. Ford, Xiang Gao, and Hyon K. Choi

*Osteoarthritis*

- 117 Reduced Lower Extremity Vibratory Perception in Osteoarthritis of the Knee**  
Najia Shakoor, Alan Agrawal, and Joel A. Block

*Psychosocial Aspects of Rheumatic Disease*

- 122 Daily Spiritual Experiences of Older Adults With and Without Arthritis and the Relationship to Health Outcomes**  
Jeanne McCauley, Margaret J. Tarpley, Steffany Haaz, and Susan J. Bartlett
- 129 Participation Restrictions Among Older Adults With Osteoarthritis: A Mediated Model of Physical Symptoms, Activity Limitations, and Depression**  
Gustavo P. M. Machado, Monique A. M. Gignac, and Elizabeth M. Badley

*Systemic Lupus Erythematosus*

- 136 Validation of the Systemic Lupus Erythematosus Activity Questionnaire in a Large Observational Cohort**  
Jinoos Yazdany, Edward H. Yelin, Pantelis Panopalis, Laura Trupin, Laura Julian, and Patricia P. Katz

---

*CONTRIBUTIONS FROM THE FIELD*

- 144 Effect of Length on Laterally-Wedged Insoles in Knee Osteoarthritis**  
Rana S. Hinman, Kelly Ann Bowles, Craig Payne, and Kim L. Bennell

---

*CASE REPORT*

- 148 Remitting Seronegative Syndrome With Pitting Edema as the Presenting Symptom in a Young, Male Patient With Sarcoidosis: A Case Report**  
Christian Dejaco, Edith Wipfler, Christina Duftner, Michaela Kriessmayr, Hermann Rogatsch, Daphne Breitenhuber, Helmut Weiss, and Michael Schirmer

---

*LETTERS TO THE EDITOR*

- 153 Hydroxychloroquine Blood Assay as a Marker of Nonadherence in Patients With Systemic Lupus Erythematosus: Comment on the Article by Koneru et al**  
Nathalie Costedoat-Chalumeau, Zahir Amoura, Donata Marra, and Jean-Charles Piette
- 153 Reply**  
Hermine Brunner, Lena Das, Murray Passo, Sri Koneru, and Anne-Barbara Mongey

Volume 59, No. 2

February 15, 2008

---

*EDITORIALS*

- 155 The Problem of Detecting and Managing Depression in the Rheumatology Clinic**  
Perry M. Nicassio  
► See article, page 186
- 159 Ambulatory Care-Sensitive Hospitalizations: Does One Size Fit All?**  
Elena Losina and Jeffrey N. Katz  
► See article, page 162

---

*ORIGINAL ARTICLES**Systemic Lupus Erythematosus***162 Avoidable Hospitalizations in Patients With Systemic Lupus Erythematosus**

Michael M. Ward

► See editorial, page 159

**169 Recent Corticosteroid Use and Recent Disease Activity: Independent Determinants of Coronary Heart Disease Risk Factors in Systemic Lupus Erythematosus?**

Igor Karp, Michal Abrahamowicz, Paul R. Fortin, Louise Pilote, Carolyn Neville, Christian A. Pineau, and John M. Esdaile

**176 Accumulation of Coronary Artery Disease Risk Factors Over Three Years: Data From an International Inception Cohort**

M. B. Urowitz, D. Gladman, D. Ibañez, P. Fortin, J. Sanchez-Guerrero, S. Bae, A. Clarke, S. Bernatsky, C. Gordon, J. Hanly, D. Wallace, D. Isenberg, E. Ginzler, J. Merrill, G. S. Alarcón, K. Steinsson, M. Petri, M. A. Dooley, I. Bruce, S. Manzi, M. Khamashta, R. Ramsey-Goldman, A. Zoma, G. Sturfelt, O. Nived, P. Maddison, J. Font, R. van Vollenhoven, C. Aranow, K. Kalunian, T. Stoll, and the Systemic Lupus International Collaborating Clinics

**181 Quality of Life Over Time in Patients With Systemic Lupus Erythematosus**

Bindee Kuriya, Dafna D. Gladman, Dominique Ibañez, and Murray B. Urowitz

*Rheumatoid Arthritis***186 Communication About Depression During Rheumatoid Arthritis Patient Visits**

Betsy Sleath, Betty Chewning, Brenda M. De Vellis, Morris Weinberger, Robert F. De Vellis, Gail Tudor, and Ashley Beard

► See editorial, page 155

**192 Development and Validation of a Patient-Based Disease Activity Score in Rheumatoid Arthritis That Can Be Used in Clinical Trials and Routine Practice**

Ernest H. Choy, Bernadette Khoshaba, Derek Cooper, Alex MacGregor, and David L. Scott

**200 The Prevalence of Foot Ulceration in Patients With Rheumatoid Arthritis**

Jill Firth, Claire Hale, Philip Helliwell, Jackie Hill, and E. Andrea Nelson

*Pediatric Rheumatology***206 A Followup Study of Antiphospholipid Antibodies and Associated Neuropsychiatric Manifestations in 137 Children With Systemic Lupus Erythematosus**

Tadej Avčin, Susanne M. Benseler, Pascal N. Tyrrell, Saša Čučnik, and Earl D. Silverman

**214 Preliminary Validation and Clinical Meaning of the Cutaneous Assessment Tool in Juvenile Dermatomyositis**

Adam M. Huber, Elizabeth M. Dugan, Peter A. Lachenbruch, Brian M. Feldman, Maria D. Perez, Lawrence S. Zemel, Carol B. Lindsley, Robert M. Rennebohm, Carol A. Wallace, Murray H. Passo, Ann M. Reed, Suzanne L. Bowyer, Susan H. Ballinger, Frederick W. Miller, and Lisa G. Rider, in cooperation with The Juvenile Dermatomyositis Disease Activity Collaborative Study Group

**222 Pharmacokinetic Study of Oral Prednisolone Compared With Intravenous Methylprednisolone in Patients With Juvenile Dermatomyositis**

Kelly A. Rouster-Stevens, Aneel Gursahaney, Ka-Leung Ngai, Jennifer A. Daru, and Lauren M. Pachman

*Therapeutics*

**227 Association of Health-Related Quality of Life With Dual Use of Prescription and Over-the-Counter Nonsteroidal Antiinflammatory Drugs**

Stacey H. Kovac, Kenneth G. Saag, Jeffrey R. Curtis, and Jeroan Allison

**234 The Comparative One-Year Performance of Anti-Tumor Necrosis Factor  $\alpha$  Drugs in Patients With Rheumatoid Arthritis, Psoriatic Arthritis, and Ankylosing Spondylitis: Results From a Longitudinal, Observational, Multicenter Study**

Marte Schruppf Heiberg, Wenche Koldingsnes, Knut Mikkelsen, Erik Rødevand, Cecilie Kaufmann, Petter Mowinckel, and Tore K. Kvien

*Diagnosis*

**241 Gluteal Tendinopathy in Refractory Greater Trochanter Pain Syndrome: Diagnostic Value of Two Clinical Tests**

M. Lequesne, P. Mathieu, V. Vuillemin-Bodaghi, H. Bard, and P. Djian

*Rehabilitation*

**247 Cost-Effectiveness of Intensive Exercise Therapy Directly Following Hospital Discharge in Patients With Arthritis: Results of a Randomized Controlled Clinical Trial**

Yvette Bulthuis, Sabrina Mohammad, Louise M. A. Braakman-Jansen, K. Wiepke Drossaers-Bakker, and Martin A. F. J. van de Laar

*Osteoarthritis*

**255 Factors Influencing Surgeons' Decisions in the Indication for Total Joint Replacement in Hip Osteoarthritis in Real Life**

Jean Francis Maillefert, Carine Roy, Christian Cadet, Rémy Nizard, Laurent Berdah, and Philippe Ravaud

*Polymyalgia Rheumatica*

**263 Performance of the Polymyalgia Rheumatica Activity Score for Diagnosing Disease Flares**

Aymeric Binard, Michel De Bandt, Jean-Marie Berthelot, and Alain Saraux, for the Inflammatory Joint Disease Working Group of the French Society for Rheumatology

*Systemic Sclerosis*

**270 Quality of Life in Systemic Sclerosis: Psychometric Properties of the World Health Organization Disability Assessment Schedule II**

Marie Hudson, Russell Steele, Suzanne Taillefer, Murray Baron, and the Canadian Scleroderma Research Group

---

*CONTRIBUTIONS FROM THE FIELD*

**279 Clinical Correlates of Quality of Life in Systemic Sclerosis Measured With the World Health Organization Disability Assessment Schedule II**

Marie Hudson, Brett D. Thombs, Russell Steele, Rita Watterson, Suzanne Taillefer, Murray Baron, and the Canadian Scleroderma Research Group

**285    Infiximab for the Treatment of Neuro-Behçet's Disease: A Case Series and Review of the Literature**

Nicolò Pipitone, Ignazio Olivieri, Angela Padula, Salvatore D'Angelo, Angelo Nigro, Giulio Zuccoli, Luigi Boiardi, and Carlo Salvarani

---

*CASE REPORT*

**291    Efficacy of Tumor Necrosis Factor  $\alpha$  Blockade in Primary Central Nervous System Vasculitis Resistant to Immunosuppressive Treatment**

Carlo Salvarani, Robert D. Brown, Jr., Kenneth T. Calamia, John Huston, III, James F. Meschia, Caterina Giannini, Dylan V. Miller, and Gene G. Hunder

---

*LETTERS TO THE EDITOR*

**297    Epidemiology of Systemic Lupus Erythematosus in the United Kingdom: Comment on the Article by Somers et al**

Corinne de Vries, Alison Nightingale, and Richard Farmer

**297    Reply**

Emily C. Somers, Sara L. Thomas, Liam Smeeth, W. Marieke Schoonen, and Andrew J. Hall

Volume 59, No. 3

March 15, 2008

---

*EDITORIAL*

**299    Do Female Hormones Affect the Onset or Severity of Rheumatoid Arthritis?**

Karen H. Costenbader and JoAnn E. Manson

► See article, page 302

---

*ORIGINAL ARTICLES*

*Rheumatoid Arthritis*

**302    Effects of Postmenopausal Hormone Therapy on Rheumatoid Arthritis: The Women's Health Initiative Randomized Controlled Trials**

Brian Walitt, Mary Pettinger, Arthur Weinstein, James Katz, James Torner, Mary Chester Wasko, and Barbara V. Howard, for the Women's Health Initiative Investigators

► See editorial, page 299

**311    Five-Year Followup of a Cognitive-Behavioral Intervention for Patients With Recently-Diagnosed Rheumatoid Arthritis: Effects on Health Care Utilization**

L. Sharpe, S. Allard, and T. Sensky

**317    Clinical Implications of Rotator Cuff Degeneration in the Rheumatic Shoulder**

Michiel A. J. van de Sande, Jurriaan H. de Groot, and Piet M. Rozing

**325    Coaching Patients With Early Rheumatoid Arthritis to Healthy Physical Activity: A Multicenter, Randomized, Controlled Study**

Nina Brodin, Eva Eurenus, Irene Jensen, Ralph Nisell, Christina H. Opava, and The PARA Study Group

*Systemic Lupus Erythematosus***332 Clinical Validation of the Watershed Sign as a Marker for Neuropsychiatric Systemic Lupus Erythematosus**

Catherine B. Driver, Daniel J. Wallace, Jessica C. Lee, Chelsey J. Forbess, Shahram Pourrabbani, Satoshi Minoshima, Alan D. Waxman, and Michael H. Weisman

**338 The Cutaneous Lupus Erythematosus Disease Activity and Severity Index: Expansion for Rheumatology and Dermatology**

M. S. Krathen, J. Dunham, E. Gaines, J. Junkins-Hopkins, E. Kim, S. L. Kolasinski, C. Kovarik, J. Kwan-Morley, J. Okawa, K. Probert, N. Rogers, M. Rose, P. Thomas, A. B. Troxel, A. Van Voorhees, J. Von Feldt, A. L. Weber, and V. P. Werth

*Pediatric Rheumatology***345 Neuropsychological Development of Children Born to Patients With Antiphospholipid Syndrome**

R. Nacinovich, J. Galli, M. Bomba, E. Filippini, G. Parrinello, M. Nuzzo, A. Lojacono, M. Motta, and A. Tincani

**352 Alternative Scoring of the Cutaneous Assessment Tool in Juvenile Dermatomyositis: Results Using Abbreviated Formats**

Adam M. Huber, Peter A. Lachenbruch, Elizabeth M. Dugan, Frederick W. Miller, and Lisa G. Rider, for the Juvenile Dermatomyositis Disease Activity Collaborative Study Group

*Diagnosis***357 Diagnostic Utility of Ultrasonography Versus Nerve Conduction Studies in Mild Carpal Tunnel Syndrome**

Mauro Mondelli, Georgios Filippou, Adriana Gallo, and Bruno Frediani

*Therapeutics***367 Tendinous Disorders Attributed to Statins: A Study on Ninety-Six Spontaneous Reports in the Period 1990–2005 and Review of the Literature**

Isabelle Marie, H  l  ne Delafen  tre, Nathalie Massy, Christian Thuillez, and Catherine Noblet, and the Network of the French Pharmacovigilance Centers

*Measurement***373 Reliability of the Hip Examination in Osteoarthritis: Effect of Standardization**

Jolanda Cibere, Anona Thorne, Nicholas Bellamy, Nelson Greidanus, Andrew Chalmers, Nizar Mahomed, Kam Shojania, Jacek Kopec, and John M. Esdaile

**382 The Clinimetric Properties of the World Health Organization Disability Assessment Schedule II in Early Inflammatory Arthritis**

Murray Baron, Orit Schieir, Marie Hudson, Russell Steele, Sousan Kolahi, Laeora Berkson, Francois Couture, M. A. Fitzcharles, Michel Gagn  , Bruce Garfield, Andrzej Gutkowski, Harb Kang, Morton Kapusta, Sophie Ligier, Jean-Pierre Mathieu, Henri M  nard, Michael Starr, Michael Stein, and Michel Zimmer

**391 Responsiveness of Six Outcome Assessment Instruments in Total Shoulder Arthroplasty**

Felix Angst, J  rg Goldhahn, Susann Drerup, Andr   Aeschlimann, Hans-Kaspar Schwyzer, and Beat R. Simmen



*Epidemiology*

- 399 Association of Regional Racial/Cultural Context and Socioeconomic Status With Arthritis in the Population: A Multilevel Analysis**

Mayilee Cañizares, J. Denise Power, Anthony V. Perruccio, and Elizabeth M. Badley

*Rehabilitation*

- 408 Lateral Wedges in Knee Osteoarthritis: What Are Their Immediate Clinical and Biomechanical Effects and Can These Predict a Three-Month Clinical Outcome?**

Rana S. Hinman, Craig Payne, Ben R. Metcalf, Tim V. Wrigley, and Kim L. Bennell

*Patient-Physician Communication*

- 416 Arthritis Patients' Perceptions of Rheumatologists' Participatory Decision-Making Style and Communication About Complementary and Alternative Medicine**

Betsy Sleath, Leigh F. Callahan, Robert F. DeVellis, and Ashley Beard

*Giant Cell Arteritis*

- 422 Development of Aortic Aneurysm/Dilatation During the Followup of Patients With Giant Cell Arteritis: A Cross-Sectional Screening of Fifty-Four Prospectively Followed Patients**

Ana García-Martínez, José Hernández-Rodríguez, Pedro Arguis, Pilar Paredes, Marta Segarra, Ester Lozano, Carlos Nicolau, José Ramírez, Francesc Lomeña, Miguel Josa, Francesca Pons, and Maria C. Cid

*Systemic Sclerosis*

- 431 High Rates of Depressive Symptoms Among Patients With Systemic Sclerosis Are Not Explained by Differential Reporting of Somatic Symptoms**

Brett D. Thombs, Samantha Fuss, Marie Hudson, Orit Schieir, Suzanne S. Taillefer, Joshua Fogel, Daniel E. Ford, Murray Baron, and the Canadian Scleroderma Research Group

---

*CONTRIBUTIONS FROM THE FIELD*

- 438 Reliability and Validity of the Center for Epidemiologic Studies Depression Scale in Patients With Systemic Sclerosis**

Brett D. Thombs, Marie Hudson, Orit Schieir, Suzanne S. Taillefer, Murray Baron, and the Canadian Scleroderma Research Group

---

*CASE REPORT*

- 444 Multicentric Reticulohistiocytosis: A Systemic Osteoclastic Disease?**

Katerine A. Codriansky, Thomas M. Rünger, Jag Bhawan, Alpdogan Kantarci, and Eugene Y. Kissin

---

*TRAINEE ROUNDS*

- 449 Women With Ankylosing Spondylitis: A Review**

Wonuk Lee, John D. Reveille, and Michael H. Weisman

---

*LETTERS TO THE EDITOR*

- 455 Risk Factors of Atherosclerosis in Patients With Spondyloarthropathies:  
Comment on the Article by Gonzalez-Juanatey et al**  
Laura Belloli, Marco Massarotti, and Bianca Marasini
- 455 Reply**  
Miguel A. Gonzalez-Gay, Carlos Gonzalez-Juanatey, Javier Martin, and Javier Llorca

Volume 59, No. 4

April 15, 2008

---

*SPECIAL ARTICLES: COST AND SOCIAL AND PSYCHOLOGICAL IMPACT  
OF RHEUMATIC DISEASES*

- 457 Introduction to Special Section: Cost and Social and Psychological Impact of  
Rheumatic Diseases**  
Edward Yelin and Patricia Katz
- 458 Two Aspects of the Clinical and Humanistic Burden of Systemic Lupus  
Erythematosus: Mortality Risk and Quality of Life Early in the Course of  
Disease**  
Robert Campbell, Jr., Glinda S. Cooper, and Gary S. Gilkeson
- 465 Disability in Valued Life Activities Among Individuals With Systemic Lupus  
Erythematosus**  
Patricia Katz, Anne Morris, Laura Trupin, Jinoos Yazdany, and Edward Yelin
- 474 Contemporary Prevalence and Incidence of Work Disability Associated With  
Rheumatoid Arthritis in the US**  
Saralynn Allaire, Frederick Wolfe, Jingbo Niu, and Michael P. LaValley
- 481 Changes in Surgical Loads and Economic Burden of Hip and Knee  
Replacements in the US: 1997–2004**  
Sunny Kim
- 489 Prognostic Factors in Short-Term Disability Due to Musculoskeletal Disorders**  
Lydia Abásolo, Loreto Carmona, Cristina Lajas, Gloria Candelas, Margarita Blanco,  
Estibaliz Loza, César Hernández-García, and Juan A. Jover
- 497 Impact of Ankylosing Spondylitis on Work and Family Life: Comparisons With  
the US Population**  
Michael M. Ward, John D. Reveille, Thomas J. Learch, John C. Davis, Jr., and  
Michael H. Weisman
- 504 Prevalence and Clinical Correlates of Symptoms of Depression in Patients With  
Systemic Sclerosis**  
Brett D. Thombs, Marie Hudson, Suzanne S. Taillefer, Murray Baron, and the  
Canadian Scleroderma Research Group
- 510 Comparison of Employability Outcomes Among Patients With Early or  
Long-Standing Rheumatoid Arthritis**  
Chenglong Han, Josef Smolen, Arthur Kavanaugh, E. William St.Clair, Daniel Baker,  
and Mohan Bala



---

ORIGINAL ARTICLES

---

*Rheumatoid Arthritis*

- 515 Validity, Reproducibility, and Responsiveness of a Twelve-Joint Simplified Power Doppler Ultrasonographic Assessment of Joint Inflammation in Rheumatoid Arthritis**  
Esperanza Naredo, Manuel Rodríguez, Cristina Campos, José Manuel Rodríguez-Heredia, Julio A. Medina, Emilio Giner, Olga Martínez, Francisco Javier Toyos, Teresa Ruiz, Inmaculada Ros, Manuel Pujol, Xavier Miquel, Luz García, Juan José Aznar, Eugenio Chamizo, Manuel Páez, Pilar Morales, Amalia Rueda, Roser Tuneu, Hector Corominas, Juan José de Agustín, Carmen Moragues, Dolores Mínguez, Alfredo Willisich, Isabel González-Cruz, Angel Aragón, Gerardo Iglesias, Carlos Armas, Juan Pablo Valdazo, Carmen Vargas, Jaime Calvo-Alén, Antonio Juan-Mas, Georgina Salvador, Angels Puigdollers, Eva Galíndez, Noemi Garrido, José Salaberri, Enrique Raya, Meritxell Salles, César Díaz, José Luis Cuadra, and Jesús Garrido, for the Ultrasound Group of the Spanish Society of Rheumatology
- 523 Impaired Arterial Function Associated With Thinning of Cortical Bone in Rheumatoid Arthritis**  
José F. Roldán, Agustín Escalante, and Inmaculada del Rincón
- 531 Determinants of the Use of Wrist Working Splints in Rheumatoid Arthritis**  
Martine M. Veehof, Erik Taal, Marjanne J. Willems, and Mart A. F. J. van de Laar

*Pediatric Rheumatology*

- 537 Fitness, Fatigue, Disease Activity, and Quality of Life in Pediatric Lupus**  
Kristin M. Houghton, Lori B. Tucker, James E. Potts, and Donald C. McKenzie
- 546 Long-Term Followup of Temporomandibular Joint Involvement in Juvenile Idiopathic Arthritis**  
Marinka Twilt, Alcuin J. M. Schulten, Femke Verschure, Lauke Wisse, Birte Prah-Andersen, and Lisette W. A. van Suijlekom-Smit

*Ankylosing Spondylitis*

- 553 Evaluation of the Patient Acceptable Symptom State as an Outcome Measure in Patients With Ankylosing Spondylitis: Data From a Randomized Controlled Trial**  
Maxime Dougados, Michelle P. Luo, Walter P. Maksymowych, Joseph J. Chmiel, Naijun Chen, Robert L. Wong, John C. Davis, Jr., and Désirée van der Heijde, for the ATLAS Study Group

*Antiphospholipid Antibodies*

- 561 High Titer of Serum Antiphospholipid Antibody Levels in Adult Henoch-Schönlein Purpura and Cutaneous Leukocytoclastic Angiitis**  
Tamihiro Kawakami, Masahide Yamazaki, Masako Mizoguchi, and Yoshinao Soma

*Osteoarthritis*

- 568 Prescribing Pattern of Drugs in the Treatment of Osteoarthritis in Italian General Practice: The Effect of Rofecoxib Withdrawal**  
Marianna Alacqua, Gianluca Trifirò, Lorenzo Cavagna, Roberto Caporali, Carlo Maurizio Montecucco, Salvatore Moretti, Domenico Ugo Tari, Mariella Galdo, Achille P. Caputi, and Vincenzo Arcoraci

*Patient Education***575 Prepared Patients: Internet Information Seeking by New Rheumatology Patients**

M. Cameron Hay, R. Jean Cadigan, Dinesh Khanna, Cynthia Strathmann, Eli Lieber,  
Roy Altman, Maureen McMahon, Morris Kokhab, and Daniel E. Furst

---

*CLINICOPATHOLOGIC CONFERENCE***583 A 32-Year-Old Nursing Student With Hoarseness and Dysphagia to Solids**

Wenshu Yu and Daniel Albert

---

*CONTRIBUTIONS FROM THE FIELD***591 A Pilot Study of Subclinical Coronary Atherosclerosis in Systemic Sclerosis: Coronary Artery Calcification in Cases and Controls**

Vandana Khurma, Cris Meyer, Grace S. Park, Maureen McMahon, Jan Lin,  
Ram Raj Singh, and Dinesh Khanna

---

*LETTERS TO THE EDITOR***598 Comparison of the Health Assessment Questionnaire Disability Index and the Short Form 36 Physical Functioning Subscale Using Rasch Analysis: Comment on the Article by Taylor and McPherson**

James F. Fries, Bonnie Bruce, and Matthias Rose

**599 Reply**

W. J. Taylor and K. M. McPherson

**599 Early Aggressive Care and Symptomatic Recovery From Whiplash: Comment on the Article by Côté et al**

Arthur C. Croft

**600 Reply**

Pierre Côté, J. David Cassidy, and Linda Carroll

**601 What Kind of Durometer is Best Suited for the Assessment of Skin Disease in Systemic Sclerosis? Comment on the Article by Kissin et al**

Yusuke Kuwahara, Yoshihito Shima, Mari Kawai, Keisuke Hagihara, Toru Hirano,  
Junsuke Arimitsu, Masashi Narazaki, Atsushi Ogata, Toshio Tanaka, Ichiro Kawase,  
and Akira Ogiwara

**601 The Cutaneous Lupus Disease Activity and Severity Index as a Validated Outcome Measure for Cutaneous Lupus Erythematosus: Comment on the Article by Stamm et al**

Michael Krathen, Joerg Albrecht, and Victoria P. Werth

**601 Submissions Invited for Themed Issue of *Arthritis Care & Research*: Biologic Agents in the Treatment of Rheumatic Diseases—The First Decade**

Volume 59, No. 5

May 15, 2008

---

*ORIGINAL ARTICLES**Rehabilitation***603 Effectiveness of Medial-Wedge Insole Treatment for Valgus Knee Osteoarthritis**

Priscilla T. Rodrigues, Ana F. Ferreira, Rosa M. R. Pereira, Eloísa Bonfá,  
Eduardo F. Borba, and Ricardo Fuller

- 609 Reducing Joint Loading in Medial Knee Osteoarthritis: Shoes and Canes**  
Georgina Kemp, Kay M. Crossley, Tim V. Wrigley, Ben R. Metcalf, and Rana S. Hinman
- 615 Progressive Resistance Training in Patients With Shoulder Impingement Syndrome: A Randomized Controlled Trial**  
Império Lombardi, Jr., Ângela Guarnieri Magri, Anna Maria Fleury, Antonio Carlos Da Silva, and Jamil Natour
- 623 Thinking About Movement Hurts: The Effect of Motor Imagery on Pain and Swelling in People With Chronic Arm Pain**  
G. Lorimer Moseley, Nadia Zalucki, Frank Birklein, Johan Marinus, Jacobus J. van Hilten, and Hannu Luomajoki
- Back Pain*
- 632 A Primary Care Back Pain Screening Tool: Identifying Patient Subgroups for Initial Treatment**  
Jonathan C. Hill, Kate M. Dunn, Martyn Lewis, Ricky Mullis, Chris J. Main, Nadine E. Foster, and Elaine M. Hay
- 642 Graded Activity for Workers With Low Back Pain: Who Benefits Most and How Does It Work?**  
J. Bart Staal, Hynek Hlobil, Albère J. A. Köke, Jos W. R. Twisk, Tjabe Smid, and Willem van Mechelen
- Fibromyalgia*
- 650 Measuring Health in Patients With Fibromyalgia: Content Comparison of Questionnaires Based on the International Classification of Functioning, Disability and Health**  
Birgit Proding, Alarcos Cieza, David A. Williams, Philip Mease, Annelies Boonen, Katharina Kersch-Schindl, Veronika Fialka-Moser, Josef Smolen, Gerold Stucki, Klaus Machold, and Tanja Stamm
- Fitness Testing*
- 659 Use of the Human Activity Profile for Estimating Fitness in Persons With Arthritis**  
Laura D. Bilek, Dawn M. Venema, Gilbert M. Willett, and Elizabeth R. Lyden
- Gout*
- 665 Validation of the Health Assessment Questionnaire Disability Index in Patients With Gout**  
Everardo Álvarez-Hernández, Ingris Peláez-Ballestas, Janitzia Vázquez-Mellado, Leobardo Terán-Estrada, Ana Guishlaine Bernard-Medina, Jesús Espinoza, Francisco J. Aceves-Avila, María V. Goycochea-Robles, Mario Garza, Lucio Ventura, and Rubén Burgos-Vargas, for the REUMAIMPACT (Group of Study of the Impact of the Rheumatic Diseases)
- Giant Cell Arteritis*
- 670 Aortic Involvement in Recent-Onset Giant Cell (Temporal) Arteritis: A Case-Control Prospective Study Using Helical Aortic Computed Tomodensitometric Scan**  
Christian Agard, Jacques-H. Barrier, Benoît Dupas, Thierry Ponge, Alfred Mahr, Gérard Fradet, Pascal Chevalet, Agathe Masseau, Eric Batard, Pierre Pottier, Bernard Planchon, Jean-Marie Brisseau, and Mohamed-A. Hamidou

*Polymyositis/Dermatomyositis***677 Interstitial Lung Disease in Polymyositis and Dermatomyositis: Longitudinal Evaluation by Pulmonary Function and Radiology**

Maryam Fathi, Jenny Vikgren, Marianne Boijesen, Ulf Tylen, Lennart Jorfeldt, Göran Tornling, and Ingrid E. Lundberg

*Psoriatic Arthritis***686 Measuring Clinical Enthesitis in Psoriatic Arthritis: Assessment of Existing Measures and Development of an Instrument Specific to Psoriatic Arthritis**

Paul J. Healy and Philip S. Helliwell

*Rheumatoid Arthritis***692 Confirmatory Factor Analysis of the Arthritis Impact Measurement Scales 2 Short Form in Patients With Rheumatoid Arthritis**

Peter M. ten Klooster, Martine M. Veehof, Erik Taal, Piet L. C. M. van Riel, and Mart A. F. J. van de Laar

*Scleroderma***699 Validity, Reliability, and Feasibility of Durometer Measurements of Scleroderma Skin Disease in a Multicenter Treatment Trial**

Peter A. Merkel, Nancy P. Silliman, Christopher P. Denton, Daniel E. Furst, Dinesh Khanna, Paul Emery, Vivien M. Hsu, James B. Streisand, Richard P. Polisson, Anita Åkesson, John Coppock, Frank van den Hoogen, Ariane Herrick, Maureen D. Mayes, Douglas Veale, James R. Seibold, Carol M. Black, and Joseph H. Korn, for the CAT-192 Research Group and the Scleroderma Clinical Trials Consortium

**706 Assessment of Unmet Needs and the Lack of Generalizability in the Design of Randomized Controlled Trials for Scleroderma Treatment**

Renata Villela, Sai Yan Yuen, Janet E. Pope, Murray Baron, and the Canadian Scleroderma Research Group

*Sjögren's Syndrome***714 Safety and Usefulness of Minor Salivary Gland Biopsy: Retrospective Analysis of 502 Procedures Performed at a Single Center**

Roberto Caporali, Eleonora Bonacci, Oscar Epis, Francesca Bobbio-Pallavicini, Patrizia Morbini, and Carlomaurizio Montecucco

*Systemic Lupus Erythematosus***721 Short-Term Outcome of Neuropsychiatric Events in Systemic Lupus Erythematosus Upon Enrollment into an International Inception Cohort Study**

J. G. Hanly, M. B. Urowitz, L. Su, J. Sanchez-Guerrero, S. C. Bae, C. Gordon, D. J. Wallace, D. Isenberg, G. S. Alarcón, J. T. Merrill, A. Clarke, S. Bernatsky, M. A. Dooley, P. R. Fortin, D. Gladman, K. Steinsson, M. Petri, I. N. Bruce, S. Manzi, M. Khamashta, A. Zoma, J. Font, R. Van Vollenhoven, C. Aranow, E. Ginzler, O. Nived, G. Sturfelt, R. Ramsey-Goldman, K. Kalunian, J. Douglas, K. Qiufen Qi, K. Thompson, and V. Farewell, for the Systemic Lupus International Collaborating Clinics

*Total Joint Arthroplasty***730 Racial Differences in Expectations of Joint Replacement Surgery Outcomes**

Peter W. Groeneveld, C. Kent Kwoh, Maria K. Mor, Cathleen J. Appelt, Ming Geng, Jennifer C. Gutierrez, Damaris S. Wessel, and Said A. Ibrahim

**738 Outcomes of Obese and Nonobese Patients Undergoing Revision Total Hip Arthroplasty**

Anne Lübbeke, Karel G. M. Moons, Guido Garavaglia, and Pierre Hoffmeyer

*Wegener's Granulomatosis*

**746 Effects of Glucocorticoids on Weight Change During the Treatment of Wegener's Granulomatosis**

Peter K. Wung, Troy Anderson, Kevin R. Fontaine, Gary S. Hoffman, Ulrich Specks, Peter A. Merkel, Robert Spiera, John C. Davis, E. William St.Clair, W. Joseph McCune, and John H. Stone, for the Wegener's Granulomatosis Etanercept Trial Research Group

---

*CASE REPORT*

**754 Acute Inflammatory Syndrome Following Introduction of Mycophenolate Mofetil in a Patient With Systemic Lupus Erythematosus**

Irina Konon, Mary E. Cronin, and Lawrence M. Ryan

**756 Submissions Invited for Themed Issue of *Arthritis Care & Research*: Biologic Agents in the Treatment of Rheumatic Diseases—The First Decade**

Volume 59, No. 6

June 15, 2008

---

*EDITORIALS*

**757 The 2008 American College of Rheumatology Recommendations for the Use of Nonbiologic and Biologic Disease-Modifying Antirheumatic Drugs in Rheumatoid Arthritis: Where the Rubber Meets the Road**

Joan M. Bathon and Stanley B. Cohen

► See article, page 762

**760 What We Talk About When We Talk About Contraception**

Eliza F. Chakravarty

► See article, page 863

---

*SPECIAL ARTICLE*

**762 American College of Rheumatology 2008 Recommendations for the Use of Nonbiologic and Biologic Disease-Modifying Antirheumatic Drugs in Rheumatoid Arthritis**

Kenneth G. Saag, Gim Gee Teng, Nivedita M. Patkar, Jeremy Anuntiyo, Catherine Finney, Jeffrey R. Curtis, Harold E. Paulus, Amy Mudano, Maria Pisu, Mary Elkins-Melton, Ryan Outman, Jeroan J. Allison, Maria Suarez Almazor, S. Louis Bridges, Jr., W. Winn Chatham, Marc Hochberg, Catherine MacLean, Ted Mikuls, Larry W. Moreland, James O'Dell, Anthony M. Turkiewicz, and Daniel E. Furst

► See editorial, page 757

---

ORIGINAL ARTICLES

---

*Rheumatoid Arthritis*

- 785 Improvement in Patient-Reported Outcomes in a Rituximab Trial in Patients With Severe Rheumatoid Arthritis Refractory to Anti-Tumor Necrosis Factor Therapy**  
E. Keystone, G. R. Burmester, R. Furie, J. E. Loveless, P. Emery, J. Kremer, P. P. Tak, M. S. Broder, E. Yu, M. Cravets, F. Magrini, and F. Jost
- 794 Incidence of Melanoma and Other Malignancies Among Rheumatoid Arthritis Patients Treated With Methotrexate**  
Rachelle Buchbinder, Melissa Barber, Louise Heuzenroeder, Anita E. Wluka, Graham Giles, Stephen Hall, Andrew Harkness, Daniel Lewis, Geoff Littlejohn, Marian H. Miller, Peter F. J. Ryan, and Damien Jolley
- 800 Effectiveness of the Combination of a Whole-Blood Interferon-Gamma Assay and the Tuberculin Skin Test in Detecting Latent Tuberculosis Infection in Rheumatoid Arthritis Patients Receiving Adalimumab Therapy**  
Der-Yuan Chen, Gwan-Han Shen, Tsu-Yi Hsieh, Chia-Wei Hsieh, and Joung-Liang Lan
- 807 Abnormal Body Composition Phenotypes in Older Rheumatoid Arthritis Patients: Association With Disease Characteristics and Pharmacotherapies**  
Jon T. Giles, Shari M. Ling, Luigi Ferrucci, Susan J. Bartlett, Ross E. Andersen, Marilyn Towns, Denis Muller, Kevin R. Fontaine, and Joan M. Bathon

*Ethical Issues*

- 816 Ethics in the Rheumatology Literature: A Systematic Review**  
Liron Caplan, Lilian Hoffecker, and Allan V. Prochazka

*Ankylosing Spondylitis*

- 822 Occupational Physical Activities and Long-Term Functional and Radiographic Outcomes in Patients With Ankylosing Spondylitis**  
Michael M. Ward, John D. Reveille, Thomas J. Learch, John C. Davis, Jr., and Michael H. Weisman

*Fibromyalgia*

- 833 The Relationship Between Affect Balance Style and Clinical Outcomes in Fibromyalgia**  
Afton L. Hassett, Laura E. Simonelli, Diane C. Radvanski, Steven Buyske, Shantal V. Savage, and Leonard H. Sigal

*Osteoarthritis*

- 841 Development and Validation of a Needs-Based Quality of Life Instrument for Osteoarthritis**  
Anne-Maree Keenan, Stephen P. McKenna, Lynda C. Doward, Philip G. Conaghan, Paul Emery, and Alan Tennant
- 849 The Impact of Momentary Pain and Fatigue on Physical Activity in Women With Osteoarthritis**  
Susan L. Murphy, Dylan M. Smith, Daniel J. Clauw, and Neil B. Alexander



**857 Prevalence and Associations of Hallux Valgus in a Primary Care Population**

Edward Roddy, Weiya Zhang, and Michael Doherty

*Systemic Lupus Erythematosus***863 Risk of Unintended Pregnancy Among Women With Systemic Lupus Erythematosus**

Eleanor Bimla Schwarz and Susan Manzi

► See editorial, page 760

*Systemic Sclerosis***867 Defining Appropriate Outcome Measures in Pulmonary Arterial Hypertension Related to Systemic Sclerosis: A Delphi Consensus Study With Cluster Analysis**

Oliver Distler, Frank Behrens, David Pittrow, Doerte Huscher, Christopher P. Denton, Ivan Foeldvari, Marc Humbert, Marco Matucci-Cerinic, Peter Nash, Christian F. Opitz, Lewis J. Rubin, James R. Seibold, and Daniel E. Furst, for the EPOSS-OMERACT Group

*Total Joint Arthroplasty***876 Findings of Extensive Variation in the Types of Outcome Measures Used in Hip and Knee Replacement Clinical Trials: A Systematic Review**

Daniel L. Riddle, Paul W. Stratford, and Dixie H. Bowman

*Wegener's Granulomatosis***884 Assessment of the Item Selection and Weighting in the Birmingham Vasculitis Activity Score for Wegener's Granulomatosis**

Alfred D. Mahr, Tuhina Neogi, Michael P. LaValley, John C. Davis, Gary S. Hoffman, W. Joseph McCune, Ulrich Specks, Robert F. Spiera, E. William St.Clair, John H. Stone, and Peter A. Merkel, for the Wegener's Granulomatosis Etanercept Trial Research Group

---

*CLINICOPATHOLOGIC CONFERENCE***892 A 73-Year-Old Woman With Rheumatoid Arthritis and Shortness of Breath**

Dimitrios A. Pappas, Janis M. Taube, Joan M. Bathon, and Jon T. Giles

---

*CASE REPORT***900 *Mycobacterium kansasii* Tenosynovitis in a Rheumatoid Arthritis Patient With Long-Term Therapeutic Immunosuppression**

Hanns-Martin Lorenz, Alexander H. Dalpke, Axel Deboen, Anthony D. Ho, Axel Greiner, Martin Jung, and Christoph Fiehn

---

*LETTER TO THE EDITOR***904 No Seasonal Variation in the Onset of Symptoms of 445 Patients With Wegener's Granulomatosis**

P. M. Aries, K. Herlyn, E. Reinhold-Keller, and U. Latza

**904 Submissions Invited for Themed Issue of *Arthritis Care & Research*: Biologic Agents in the Treatment of Rheumatic Diseases—The First Decade**

Volume 59, No. 7

July 15, 2008

---

*ORIGINAL ARTICLES**Rheumatoid Arthritis*

- 905 A Randomized, Double-Blind, Multicenter, Controlled Clinical Trial of Chicken Type II Collagen in Patients With Rheumatoid Arthritis**

Ling-Ling Zhang, Wei Wei, Feng Xiao, Jian-Hua Xu, Chun-De Bao, Li-Qing Ni, and Xing-Fu Li

- 911 Modulation of RANKL and Osteoprotegerin Expression in Synovial Tissue From Patients With Rheumatoid Arthritis in Response to Disease-Modifying Antirheumatic Drug Treatment and Correlation With Radiologic Outcome**

David Haynes, Tania Crotti, Helen Weedon, John Slavotinek, Virginia Au, Mark Coleman, Peter J. Roberts-Thomson, Michael Ahern, and Malcolm D. Smith

- 921 Rheumatoid Arthritis Patients' Perceptions of Mutuality in Conversations With Spouses/Partners and Their Links With Psychological and Physical Health**

Shelley Kasle, Mari S. Wilhelm, and Alex J. Zautra

*Osteoarthritis*

- 929 Trends in Physician-Diagnosed Osteoarthritis Incidence in an Administrative Database in British Columbia, Canada, 1996–1997 Through 2003–2004**

Jacek A. Kopec, M. Mushfiqur Rahman, Eric C. Sayre, Jolanda Cibere, William M. Flanagan, Jaafar Aghajanian, Aslam H. Anis, Joanne M. Jordan, and Elizabeth M. Badley

- 935 Varus Malalignment and Its Association With Impairments and Functional Limitations in Medial Knee Osteoarthritis**

Boon-Whatt Lim, Rana S. Hinman, Tim V. Wrigley, and Kim L. Bennell

- 943 Does Knee Malalignment Mediate the Effects of Quadriceps Strengthening on Knee Adduction Moment, Pain, and Function in Medial Knee Osteoarthritis? A Randomized Controlled Trial**

Boon-Whatt Lim, Rana S. Hinman, Tim V. Wrigley, Leena Sharma, and Kim L. Bennell

*Fibromyalgia*

- 952 Identifying the Clinical Domains of Fibromyalgia: Contributions From Clinician and Patient Delphi Exercises**

Phillip J. Mease, Lesley M. Arnold, Leslie J. Crofford, David A. Williams, I. Jon Russell, Louise Humphrey, Linda Abetz, and Susan A. Martin

- 961 Sleep Disturbances in Fibromyalgia Syndrome: Relationship to Pain and Depression**

Silvia M. Bigatti, Ann Marie Hernandez, Terry A. Cronan, and Kevin L. Rand

*Systemic Sclerosis*

- 968 Patient Preference Disability Questionnaire in Systemic Sclerosis: A Cross-Sectional Survey**

Luc Mouthon, François Rannou, Alice Bérezné, Christian Pagnoux, Philippe Guilpain, François Goldwasser, Michel Revel, Loïc Guillevin, Jacques Fermanian, and Serge Poiraudau

**974 Ability of Epistatic Interactions of Cytokine Single-Nucleotide Polymorphisms to Predict Susceptibility to Disease Subsets in Systemic Sclerosis Patients**

Lorenzo Beretta, Francesca Cappiello, Jason H. Moore, Morena Barili,  
Casey S. Greene, and Raffaella Scorza

*Rehabilitation*

**984 Functional Outcome After Stroke in Patients With Rheumatoid Arthritis and Systemic Lupus Erythematosus**

Tracy U. Nguyen-Oghalai, Helen Wu, Terry A. McNearney, Carl V. Granger, and  
Kenneth J. Ottenbacher

*Pediatric Rheumatology*

**989 The Role of Aggressive Corticosteroid Therapy in Patients With Juvenile Dermatomyositis: A Propensity Score Analysis**

Roopa Seshadri, Brian M. Feldman, Norman Ilowite, Gail Cawkwell, and  
Lauren M. Pachman

*Therapeutics*

**996 Psoriatic Skin Lesions Induced by Tumor Necrosis Factor Antagonist Therapy: A Literature Review and Potential Mechanisms of Action**

Angelique N. Collamer, Karen T. Guerrero, Jeffery S. Henning, and  
Daniel F. Battafarano

*Arthritis in Family Practice*

**1002 Arthritis in the Family Practice Setting: Associations With Education and Community Poverty**

Leigh F. Callahan, Jack Shreffler, Thelma Mielenz, Britta Schoster, Jay S. Kaufman,  
Changfu Xiao, Randy Randolph, and Philip D. Sloane

*Self-Management*

**1009 The Internet-Based Arthritis Self-Management Program: A One-Year Randomized Trial for Patients With Arthritis or Fibromyalgia**

Kate R. Lorig, Philip L. Ritter, Diana D. Laurent, and Kathryn Plant

---

*REVIEW ARTICLES*

*Economic Analysis*

**1018 Health State Utility Values: A Description of Their Development and Application for Rheumatic Diseases**

Nick Bansback, Mark Harrison, John Brazier, Linda Davies, Jacek Kopec,  
Carlo Marra, Deborah Symmons, and Aslam Anis

**1027 The Need for Standardization: A Literature Review of Indirect Costs of Rheumatoid Arthritis and Osteoarthritis**

Feng Xie

---

*CASE REPORT*

**1034 When Is It Safe to Stop *Pneumocystis jiroveci* Pneumonia Prophylaxis? Insights From Three Cases Complicating Autoimmune Diseases**

Anil Suryaprasad and John H. Stone

---

TRAINEE ROUNDS**1040 Type I Reaction of Hansen's Disease With Exposure to Adalimumab:  
A Case Report**

Elana M. Oberstein, Olga Kromo, and Elaine C. Tozman

**1044 Systemic Sulfa-Induced Sweet's Syndrome**

Mary E. Margaretten, Beth S. Ruben, and Kenneth Fye

---

ERRATUM**1046 Omission of Author Name in Article by Caporali et al (Arthritis Rheum,  
May 2008)**

---

LETTERS TO THE EDITOR**1047 LupusQoL, a New Systemic Lupus Erythematosus-Specific Quality of Life  
Measure: Comment on the Article by McElhone et al**

Khai Pang Leong, Kok Ooi Kong, and Hwee Siew Howe

**1048 Reply**

Kathleen McElhone, Lee-Suan Teh, and Janice Abbott

**1049 Additional Components to Measuring Fatigue in Patients With Systemic Lupus  
Erythematosus: Comment on the Article by the Ad Hoc Committee on Systemic  
Lupus Erythematosus Response Criteria for Fatigue**

Daniel J. Wallace

**1049 Reply**J. Antonio Aviña-Zubieta, for the Ad Hoc Committee on Systemic Lupus  
Erythematosus Response Criteria for Fatigue**1050 Submission Invited for Themed Issue of *Arthritis Care & Research*: Biologic  
Agents in the Treatment of Rheumatic Diseases—The First Decade**

Volume 59, No. 8

August 15, 2008

---

EDITORIALS**1051 Ischemic Stroke: Another Feature of Accelerated Atherosclerosis in  
Rheumatoid Arthritis?**

Deborah P. M. Symmons

► See article, page 1090

**1054 On the Road to Adulthood for Youth With Rheumatic Diseases: What Health  
Care Professionals Can Do**

Patience H. White

► See article, page 1162

---

SPECIAL ARTICLE**1058 Recommendations for Use of Selective and Nonselective Nonsteroidal  
Antiinflammatory Drugs: An American College of Rheumatology White Paper**American College of Rheumatology Ad Hoc Group on Use of Selective and  
Nonselective Nonsteroidal Antiinflammatory Drugs

---

ORIGINAL ARTICLES

---

*Rheumatoid Arthritis***1074 Use of Nonbiologic Disease-Modifying Antirheumatic Drugs and Risk of Infection in Patients With Rheumatoid Arthritis**

Diane Lacaille, Daphne P. Guh, Michal Abrahamowicz, Aslam H. Anis, and John M. Esdaile

**1082 Evaluation of the Effect of Anti-Tumor Necrosis Factor Agent Use on Rheumatoid Arthritis Work Disability: The Jury Is Still Out**

Saralynn Allaire, Frederick Wolfe, Jingbo Niu, Yuqing Zhang, Bin Zhang, and Michael LaValley

**1090 Cardiovascular, Rheumatologic, and Pharmacologic Predictors of Stroke in Patients With Rheumatoid Arthritis: A Nested, Case-Control Study**

Zurab Nadareishvili, Kaleb Michaud, John M. Hallenbeck, and Frederick Wolfe  
► See editorial, page 1051

*Therapeutics***1097 Subgroup Analyses to Determine Cardiovascular Risk Associated with Nonsteroidal Antiinflammatory Drugs and Coxibs in Specific Patient Groups**

Daniel H. Solomon, Robert J. Glynn, Kenneth J. Rothman, Sebastian Schneeweiss, Soko Setoguchi, Helen Mogun, Jerry Avorn, and Til Stürmer

**1105 Changes in the Characteristics of Patients Prescribed Selective Cyclooxygenase 2 Inhibitors After the 2004 Withdrawal of Rofecoxib**

E. Setakis, H. G. M. Leufkens, and T. P. van Staa

*Pediatric Rheumatology***1112 Validation of the Childhood Health Assessment Questionnaire in Active Juvenile Systemic Lupus Erythematosus**

Silvia Meiorin, Angela Pistorio, Angelo Ravelli, Silvia M. Iusan, Giovanni Filocamo, Lucia Trail, Sheila Oliveira, Ruben Cuttica, Graciela Espada, Maria Alessio, Dimitrina Mihaylova, Elisabetta Cortis, Alberto Martini, and Nicolino Ruperto, for the Paediatric Rheumatology International Trials Organisation (PRINTO)

**1120 Development and Validation of a Preliminary Definition of Minimal Disease Activity in Patients With Juvenile Idiopathic Arthritis**

Silvia Magni-Manzoni, Nicolino Ruperto, Angela Pistorio, Elena Sala, Nicoletta Solari, Elena Palmisani, Chiara Cugno, Elena Bozzola, Alberto Martini, and Angelo Ravelli

*Epidemiology***1128 Arthritis Prevalence and Associations in American Indian and Alaska Native People**

Elizabeth D. Ferucci, M. Catherine Schumacher, Anne P. Lanier, Maureen A. Murtaugh, Sandra Edwards, Laurie J. Helzer, Lillian Tom-Orme, and Martha L. Slaterry

*Chronic Septic Arthritis***1137 Increased Angiogenesis and Cellular Proliferation as Hallmarks of the Synovium in Chronic Septic Arthritis**

F. Pessler, L. Dai, C. Diaz-Torne, A. Ogdie, C. Gomez-Vaquero, M. E. Paessler, E. Einhorn, L. X. Chen, and H. R. Schumacher

*Polymyalgia Rheumatica***1147 Serum Interleukin-6 Receptor in Polymyalgia Rheumatica: A Potential Marker of Relapse/Recurrence Risk**

Lia Pulsatelli, Luigi Boiardi, Elettra Pignotti, Paolo Dolzani, Tania Silvestri, Pierluigi Macchioni, Fabrizio Cantini, Carlo Salvarani, Andrea Facchini, and Riccardo Meliconi

*Systemic Lupus Erythematosus***1155 Perinatal Factors and Adult-Onset Lupus**

Julia F. Simard, Elizabeth W. Karlson, Karen H. Costenbader, Miguel A. Hernán, Meir J. Stampfer, Matthew H. Liang, and Murray A. Mittleman

---

*REVIEW ARTICLES***1162 Young People First, Juvenile Idiopathic Arthritis Second: Transitional Care in Rheumatology**

Janet E. McDonagh

► See editorial, page 1054

**1171 An Evidence-Informed, Integrated Framework for Rheumatoid Arthritis Care**

Linda C. Li, Elizabeth M. Badley, Crystal MacKay, Dianne Mosher, Shahin (Walji) Jamal, Anamaria Jones, and Claire Bombardier

---

*CLINICOPATHOLOGIC CONFERENCE***1184 A 51-Year-Old Woman With Shortness of Breath and Edema**

Sonali Desai, Jessica Clement, and Stephen Landaw

---

*CASE REPORTS***1191 Hypertrophic Gastritis in Early Stages of Primary Sjögren's Syndrome**

Sheng-Ming Dai, Xing-Hai Han, and Zhao-Shen Li

**1194 Elective Palliative Total Hip Replacement in a Patient With Lymphoma and Advanced Lung Cancer**

Jeffrey N. Katz, Gregory W. Brick, and Rima Rudd

**1196 Submission Invited for Themed Issue of *Arthritis Care & Research*: Biologic Agents in the Treatment of Rheumatic Diseases—The First Decade**

---

*LETTERS TO THE EDITOR***1197 Applicability of the Paediatric Rheumatology International Trials Organisation Disease Activity Core Set for Juvenile Dermatomyositis: Comment on the Article by Ruperto et al**

Lisa G. Rider, Peter Lachenbruch, David A. Isenberg, and Frederick W. Miller

**1198 Reply**

Nicolino Ruperto, Angela Pistorio, Angelo Ravelli, and Alberto Martini, for the Paediatric Rheumatology International Trials Organisation (PRINTO)



**1199 Interrelationship of Self-Management and Transitional Care Needs of Adolescents With Arthritis: Comment on the Article by Stinson et al**

J. E. McDonagh and J. Hackett

**1200 Reply**

Jennifer N. Stinson, Bonnie J. Stevens, Rae S. M. Yeung, Patricia C. Toomey, Susan Kagan, Ciarán M. Duffy, Adam Huber, Peter Malleson, Patrick J. McGrath, and Brian M. Feldman

**1202 Tendon Rupture and Statin Therapy: Is There a Link? Comment on the Article by Marie et al**

Abhimanyu Beri and Saakshi Khattri

**1202 Reply**

Isabelle Marie and Catherine Noblet

---

*ERRATUM*

**1202 Correction in Appendix in Article by Distler et al (Arthritis Rheum, June 2008)**

Volume 59, No. 9

September 15, 2008

---

*EDITORIAL*

**1203 Pay for Performance in Rheumatology: Will We Get the Carrot or the Stick?**

Allan Gibofsky and J. Timothy Harrington, Jr.

---

*ORIGINAL ARTICLES*

*Osteoarthritis*

**1207 Lifetime Risk of Symptomatic Knee Osteoarthritis**

Louise Murphy, Todd A. Schwartz, Charles G. Helmick, Jordan B. Renner, Gail Tudor, Gary Koch, Anca Dragomir, William D. Kalsbeek, Gheorghe Luta, and Joanne M. Jordan

**1214 Effects of Specialized Footwear on Joint Loads in Osteoarthritis of the Knee**

Najia Shakoar, Roy H. Lidtke, Mondira Sengupta, Louis F. Fogg, and Joel A. Block

**1221 Effect of Therapeutic Exercise for Hip Osteoarthritis Pain: Results of a Meta-Analysis**

Gabriela Hernández-Molina, Stephan Reichenbach, Bin Zhang, Michael LaValley, and David T. Felson

**1229 Physical Activity Levels in Patients With Early Knee Osteoarthritis Measured by Accelerometry**

Joshua N. Farr, Scott B. Going, Timothy G. Lohman, Lucinda Rankin, Shelley Kasle, Michelle Cornett, and Ellen Cussler

**1237 Generalized Vibratory Deficits in Osteoarthritis of the Hip**

Najia Shakoor, Kristen J. Lee, Louis F. Fogg, and Joel A. Block

*Rheumatoid Arthritis***1241 Disease Activity of Rheumatoid Arthritis During Pregnancy: Results From a Nationwide Prospective Study**

Yaël A. de Man, Radboud J. E. M. Dolhain, Fleur E. van de Geijn, Sten P. Willemsen, and Johanna M. W. Hazes

**1249 Acupuncture for Pain Relief in Patients With Rheumatoid Arthritis: A Systematic Review**

Chenchen Wang, Paola de Pablo, Xiaoyan Chen, Christopher Schmid, and Timothy McAlindon

**1257 A Systematic Review of Instruments Measuring Foot Function, Foot Pain, and Foot-Related Disability in Patients With Rheumatoid Arthritis**

Marika van der Leeden, Martijn P. M. Steultjens, Caroline B. Terwee, Dieter Rosenbaum, Debbie Turner, Jim Woodburn, and Joost Dekker

*Ankylosing Spondylitis***1270 Efficacy and Safety of Infliximab in Patients With Ankylosing Spondylitis Over a Two-Year Period**

Jürgen Braun, Atul Deodhar, Ben Dijkmans, Piet Geusens, Joachim Sieper, Paul Williamson, Weichun Xu, Sudha Visvanathan, Daniel Baker, Neil Goldstein, Désirée van der Heijde, and the Ankylosing Spondylitis Study for the Evaluation of Recombinant Infliximab Therapy Study Group

*Fibromyalgia***1279 A Systematic Review on the Effectiveness of Treatment With Antidepressants in Fibromyalgia Syndrome**

Nurcan Üçeyler, Winfried Häuser, and Claudia Sommer

**1299 Substitution of Specialized Rheumatology Nurses for Rheumatologists in the Diagnostic Process of Fibromyalgia: A Randomized Controlled Trial**

M. E. A. L. Kroese, G. J. C. Schulp, M. C. M. Bessems, J. L. Severens, F. J. Nijhuis, P. P. Geusens, and R. B. Landewé

*Low Back Pain***1306 Associations of Back and Leg Pain With Health Status and Functional Capacity of Older Adults: Findings From the Retirement Community Back Pain Study**

Gregory E. Hicks, Jean M. Gaines, Michelle Shardell, and Eleanor M. Simonsick

*Pediatric Rheumatology***1314 How Accurate Are Diagnoses for Rheumatoid Arthritis and Juvenile Idiopathic Arthritis in the General Practice Research Database?**

S. L. Thomas, C. J. Edwards, L. Smeeth, C. Cooper, and A. J. Hall

*Psoriatic Arthritis***1322 Subclinical Carotid Atherosclerosis in Patients With Psoriatic Arthritis**

Lai-Shan Tam, Qing Shang, Edmund K. Li, Brian Tomlinson, Tanya T. W. Chu, Martin Li, Ying-Ying Leung, Lai-Wa Kwok, Kong-Chiu Wong, Tena K. Li, Tracey Yu, Tracy Y. Zhu, Emily W. Kun, Gabriel W. Yip, and Cheuk-Man Yu

*Systemic Lupus Erythematosus***1332 Features Associated With, and the Impact of, Hemolytic Anemia in Patients With Systemic Lupus Erythematosus: LX, Results From a Multiethnic Cohort**

Sergio Durán, Mandar Apte, Graciela S. Alarcón, Miranda C. Marion, Jeffrey C. Edberg, Robert P. Kimberly, Jie Zhang, Carl D. Langefeld, Luis M. Vilá, and John D. Reveille, for the LUMINA Study Group

*Upper Extremity Musculoskeletal Disorders***1341 Attributable Risk of Carpal Tunnel Syndrome According to Industry and Occupation in a General Population**

Yves Roquelaure, Catherine Ha, Guillaume Nicolas, Marie-Christine Pélier-Cady, Camille Mariot, Alexis Descatha, Annette Leclerc, Guy Raimbeau, Marcel Goldberg, and Ellen Imbernon

**1349 Clinical Course and Prognosis of Hand and Wrist Problems in Primary Care**

Marinda N. Spies-Dorgelo, Daniëlle A. W. M. van der Windt, A. Pieter A. Prins, Krysia S. Dziedzic, and Henriëtte E. van der Horst

---

*CLINICOPATHOLOGIC CONFERENCE***1358 A 36-Year-Old Man With Paresthesias and a Headache**

Flavia V. Castelino, Jason H. Wasfy, and Deborah Collier

---

*LETTERS TO THE EDITOR***1366 A Review and Meta-Analysis of Hylan Versus Hyaluronic Acid: Comment on the Article by Reichenbach et al**

Dennis C. Marshall

**1366 Reply**

Stephan Reichenbach, Sven Trelle, and Peter Jüni

**1367 Missing Data in Rheumatologic Studies and the Practical Reality of Modern Approaches to the Analysis of Incomplete Subject Data: Comment on the Article by Baron et al and the Editorial by Boers**

Russell Steele and Marie Hudson

Volume 59, No. 10

October 15, 2008

---

*EDITORIAL***1369 Rheumatology Gone Global**

Daniel H. Solomon, Alan Tyndall, Sherine E. Gabriel, and Maxime Dougados

► See article, page 1371

---

*SPECIAL ARTICLE***1371 Reporting Disease Activity in Clinical Trials of Patients With Rheumatoid Arthritis: EULAR/ACR Collaborative Recommendations**

D. Aletaha, R. Landewe, T. Karonitsch, J. Bathon, M. Boers, C. Bombardier, S. Bombardieri, H. Choi, B. Combe, M. Dougados, P. Emery, J. Gomez-Reino, E. Keystone, G. Koch, T. K. Kvien, E. Martin-Mola, M. Matucci-Cerinic, K. Michaud, J. O'Dell, H. Paulus, T. Pincus, P. Richards, L. Simon, J. Siegel, J. S. Smolen, T. Sokka, V. Strand, P. Tugwell, D. van der Heijde, P. van Riel, S. Vlad, R. van Vollenhoven, M. Ward, M. Weinblatt, G. Wells, B. White, F. Wolfe, B. Zhang, A. Zink, and D. Felson

► See editorial, page 1369

---

*SPECIAL ARTICLES: DISABILITY AND REHABILITATION IN THE RHEUMATIC DISEASES***1378 Introduction to Special Section: Disability and Rehabilitation in the Rheumatic Diseases**

Edward Yelin and Patricia Katz

*Pediatric Rheumatology***1379 Physical Activity in Adolescents With Juvenile Idiopathic Arthritis**

Otto T. H. M. Lelieveld, Wineke Armbrust, Miek A. van Leeuwen, Nienke Duppen, Jan H. B. Geertzen, Pieter J. J. Sauer, and Ellen van Weert

**1385 Educational and Occupational Outcomes Among Young Adults With Juvenile Idiopathic Arthritis**

Cynthia A. Gerhardt, Katie D. McGoron, Kathryn Vannatta, Kelly A. McNamara, Janalee Taylor, Murray Passo, and Robert B. Noll

**1392 Family Factors, Emotional Functioning, and Functional Impairment in Juvenile Fibromyalgia Syndrome**

Susmita Kashikar-Zuck, Anne M. Lynch, Shalonda Slater, T. Brent Graham, Nicole F. Swain, and Robert B. Noll

**1399 Feasibility and Effectiveness of an Aerobic Exercise Program in Children With Fibromyalgia: Results of a Randomized Controlled Pilot Trial**

Samantha Stephens, Brian M. Feldman, Nicolette Bradley, Jane Schneiderman, Virginia Wright, Davinder Singh-Grewal, Arlette Lefebvre, Susanne M. Benseler, Bonnie Cameron, Ronald Laxer, Christine O'Brien, Rayfel Schneider, Earl Silverman, Lynn Spiegel, Jennifer Stinson, Pascal N. Tyrrell, Kristi Whitney, and Shirley M. L. Tse

*Rheumatoid Arthritis***1407 Association of Body Composition With Disability in Rheumatoid Arthritis: Impact of Appendicular Fat and Lean Tissue Mass**

Jon T. Giles, Susan J. Bartlett, Ross E. Andersen, Kevin R. Fontaine, and Joan M. Bathon

**1416 Subclinical Disability in Valued Life Activities Among Individuals With Rheumatoid Arthritis**

Patricia Katz, Anne Morris, and Edward Yelin

*Osteoarthritis***1424 Impact of Nervous System Hyperalgesia on Pain, Disability, and Quality of Life in Patients With Knee Osteoarthritis: A Controlled Analysis**

Marta Imamura, Satiko Tomikawa Imamura, Helena H. S. Kaziyama,  
Rosa Alves Targino, Wu Tu Hsing, Luiz Paulo Marques de Souza,  
Martin Mendonça Cutait, Felipe Fregni, and Gilberto Luis Camanho

*Systemic Lupus Erythematosus***1432 Hand Function and Performance of Daily Activities in Systemic Lupus Erythematosus**

Pia Malcus Johnsson, Gunnel Sandqvist, Anders Bengtsson, and Ola Nived

*Ankylosing Spondylitis***1439 Living With a Fluctuating Illness of Ankylosing Spondylitis: A Qualitative Study**

Anne Marit Mengshoel

*Comorbidity***1445 Arthritis Disability and Heart Disease Disability**

Lois M. Verbrugge and Lucia Juarez

*Work Disability***1458 Work and Sick Leave Among Patients With Early Inflammatory Joint Conditions**

Goedele A. Geuskens, Johanna M. W. Hazes, Pieternella J. Barendregt, and  
Alex Burdorf

**1467 Effect of the Early Use of the Anti-Tumor Necrosis Factor Adalimumab on the Prevention of Job Loss in Patients With Early Rheumatoid Arthritis**

Victoria Bejarano, Mark Quinn, Philip G. Conaghan, Richard Reece,  
Anne-Maree Keenan, David Walker, Andrew Gough, Michael Green,  
Dennis McGonagle, Ade Adebajo, Stephen Jarrett, Sheelagh Doherty, Lesley Hordon,  
Richard Melsom, Kristina Unnebrink, Hartmut Kupper, Paul Emery, and the  
Yorkshire Early Arthritis Register Consortium

**1475 Employment and Disability Issues in Systemic Lupus Erythematosus: A Review**

Lacie Scofield, Leslie Reinlib, Graciela S. Alarcón, and Glinda S. Cooper

*Rehabilitation***1480 Effects of Activity Strategy Training on Pain and Physical Activity in Older Adults With Knee or Hip Osteoarthritis: A Pilot Study**

Susan L. Murphy, Debra M. Strasburg, Angela K. Lyden, Dylan M. Smith,  
Jessica F. Koliba, Dina P. Dadabhoy, and Susan M. Wallis

**1488 Strength Training for Treatment of Osteoarthritis of the Knee: A Systematic Review**

Angela K. Lange, Benedicte Vanwanseele, and Maria A. Fiatarone Singh

**1495 The Ergonomic Assessment Tool for Arthritis: Development and Pilot Testing**

Catherine L. Backman, Judy Village, and Diane Lacaille

**1504 Activity Limitations and Compensatory Mechanism Use Following Limited Wrist Fusion**

Andrea E. Bialocerkowski

**1512 Are Behavioral Interventions for Arthritis Effective With Minorities? Addressing Racial and Ethnic Diversity in Disability and Rehabilitation**

Jessica M. McIlvane, Tamara A. Baker, Chivon A. Mingo, and William E. Haley

---

*ORIGINAL ARTICLE**Rheumatoid Arthritis***1519 Compliance With Biologic Therapies for Rheumatoid Arthritis: Do Patient Out-of-Pocket Payments Matter?**

S. Curkendall, V. Patel, M. Gleeson, R. S. Campbell, M. Zagari, and R. Dubois

---

*CLINICOPATHOLOGIC CONFERENCE***1527 A 20-Year-Old Man With Right Leg Pain Following Orofacial Surgery**

Katherine P. Liao, Joseph Gaut, Ambrose J. Huang, and George Cohen

---

*LETTERS TO THE EDITOR***1533 Diagnosis of Remitting Seronegative Symmetrical Synovitis With Pitting Edema in a Patient With Sarcoidosis: Comment on the Article by DeJaco et al**

Paul Le Goff

**1533 Reply**

Christian DeJaco, Christina Duftner, and Michael Schirmer

**1534 Submissions Invited for Themed Issue of *Arthritis Care & Research*: Epidemiology of the Rheumatic Diseases**

Volume 59, No. 11

November 15, 2008

---

*EDITORIALS***1535 Gout Management: Let's Get it Right This Time**

John S. Sundry

► See article, page 1540

**1538 Clinicopathologic Conferences in *Arthritis Care & Research***

John H. Stone

---

*ORIGINAL ARTICLES**Gout***1540 Effects of Febuxostat Versus Allopurinol and Placebo in Reducing Serum Urate in Subjects With Hyperuricemia and Gout: A 28-Week, Phase III, Randomized, Double-Blind, Parallel-Group Trial**

H. Ralph Schumacher, Jr., Michael A. Becker, Robert L. Wortmann, Patricia A. MacDonald, Barbara Hunt, Janet Streit, Christopher Lademacher, and Nancy Joseph-Ridge

► See editorial, page 1535



**1549 Gout and the Risk of Parkinson's Disease: A Cohort Study**

Mary De Vera, M. Mushfiqur Rahman, James Rankin, Jacek Kopec, Xiang Gao,  
and Hyon Choi

*Osteoarthritis***1555 Active or Passive Pain Coping Strategies in Hip and Knee Osteoarthritis?  
Results of a National Survey of 4,719 Patients in a Primary Care Setting**

S. Perrot, S. Poiraudreau, M. Kabir, P. Bertin, P. Sichere, A. Serrie, and F. Rannou

**1563 Patterns of Femorotibial Cartilage Loss in Knees With Neutral, Varus, and  
Valgus Alignment**

Felix Eckstein, Wolfgang Wirth, Martin Hudelmaier, Verena Stein,  
Verena Lengfelder, September Cahue, Meredith Marshall,  
Pottumarthi Prasad, and Leena Sharma

*Pediatric Rheumatology***1571 Assessing Current Outcomes of Juvenile Idiopathic Arthritis: A Cross-Sectional  
Study in a Tertiary Center Sample**

Nicoletta Solari, Stefania Viola, Angela Pistorio, Silvia Magni-Manzoni, Rosa Vitale,  
Nicolino Ruperto, Nicola Ullmann, Giovanni Filocamo, Alberto Martini,  
and Angelo Ravelli

**1580 Optimal Treatment of Knee Monarthritis in Juvenile Idiopathic Arthritis:  
A Decision Analysis**

Timothy Beukelman, James P. Guevara, and Daniel A. Albert

*Rheumatoid Arthritis***1589 Vitamin E in the Primary Prevention of Rheumatoid Arthritis: The Women's  
Health Study**

Elizabeth W. Karlson, Nancy A. Shadick, Nancy R. Cook, Julie E. Buring,  
and I.-Min Lee

**1596 Prevalence and Course of Forefoot Impairments and Walking Disability in the  
First Eight Years of Rheumatoid Arthritis**

Marika van der Leeden, Martijn P. M. Steultjens, Jennie Ursum, Rutger Dahmen,  
Leo D. Roorda, Dirkjan van Schaardenburg, and Joost Dekker

**1603 Is Health Equity Considered in Systematic Reviews of the Cochrane  
Musculoskeletal Group?**

Peter Tugwell, Lara Maxwell, Vivian Welch, Elizabeth Kristjansson,  
Mark Petticrew, George Wells, Rachelle Buchbinder, Maria E. Suarez-Almazor,  
Marie-Andrée Nowlan, Erin Ueffing, Maryam Khan, Bev Shea, and Setorme Tsikata

*Therapeutics***1611 Prior Authorization for Biologic Disease-Modifying Antirheumatic Drugs:  
A Description of US Medicaid Programs**

Michael A. Fischer, Jennifer M. Polinski, Amber D. Servi, Jessica Agnew-Blais,  
Liljana Kaci, and Daniel H. Solomon

**1618 Feasibility of Ultrasound-Guided Sacroiliac Joint Injection Considering Sonoanatomic Landmarks at Two Different Levels in Cadavers and Patients**

Andrea Klauser, Tobias De Zordo, Gudrun Feuchtner, Peter Sögner, Michael Schirmer, Johann Gruber, Norbert Sepp, and Bernhard Moriggl

**1625 Quality Appraisal of Clinical Practice Guidelines and Consensus Statements on the Use of Biologic Agents in Rheumatoid Arthritis: A Systematic Review**

Maria A. Lopez-Olivo, Michael A. Kallen, Zulma Ortiz, Becky Skidmore, and Maria E. Suarez-Almazor

*Systemic Lupus Erythematosus*

**1639 Cognitive and Neurologic Status in Patients With Systemic Lupus Erythematosus Without Major Neuropsychiatric Syndromes**

Elizabeth Kozora, David B. Arciniegas, Christopher M. Filley, Sterling G. West, Mark Brown, David Miller, Alex Grimm, Maria D. Devore, Christy Wingrove, and Lening Zhang

*Work Disability*

**1647 A Proof-of-Concept Study of the "Employment and Arthritis: Making it Work" Program**

Diane Lacaille, Margaret A. White, Pam A. Rogers, Catherine L. Backman, Monique A. M. Gignac, and John M. Esdaile

---

*REVIEW ARTICLE*

**1656 Systemic Lupus Erythematosus in Women: Impact on Family Size**

Evelyne Vinet, Christian Pineau, Caroline Gordon, Ann E. Clarke, and Sasha Bernatsky

---

*CONTRIBUTIONS FROM THE FIELD*

**1661 Assessment of Reproductive History in Systemic Sclerosis**

Sasha Bernatsky, Marie Hudson, Janet Pope, Evelyn Vinet, Janet Markland, David Robinson, Niall Jones, Peter Docherty, Maysan Abu-Hakima, Sharon LeClercq, James Dunne, Douglas Smith, Jean-Pierre Mathieu, Nader Khalidi, Evelyn Sutton, Murray Baron, and the Canadian Scleroderma Research Group

**1665 Isometric Rate of Force Development, Maximum Voluntary Contraction, and Balance in Women With and Without Joint Hypermobility**

Christine Mebes, Astrid Amstutz, Gere Luder, Hans-Ruedi Ziswiler, Matthias Stettler, Peter M. Villiger, and Lorenz Radlinger

---

*CLINICOPATHOLOGIC CONFERENCE*

**1670 A 32-Year-Old Woman With Arthralgias and Severe Hypotension**

Edgar A. Martorell, Christopher Hong, Daniel W. Rust, Robert N. Salomon, Rajan Krishnamani, Ayan R. Patel, and Robert A. Kalish

---

*CASE REPORT*

**1676 At the Heart of the Matter: The Exceptional Case of Coronary Artery Disease in a Young Man**

Nisha J. Manek and William D. Edwards

---

TRAINEE ROUNDS**1682 A 61-Year-Old Man With Livedo Reticularis**

Deana D. Hoganson, Roger H. Weenig, and Kenneth J. Warrington

**1684 Submissions Invited for Themed Issue of *Arthritis Care & Research*: Epidemiology of the Rheumatic Diseases**

---

LETTERS TO THE EDITOR**1685 Effects of Disease-Modifying Antirheumatic Drug Treatment on the Expression of RANKL and Osteoprotegerin in Synovial Tissue: Comment on the Article by Haynes et al**

Anca Irinel Catrina and Lars Klareskog

**1685 Reply**

Malcolm D. Smith

---

ERRATUM**1686 Correction in Text in Article by American College of Rheumatology Ad Hoc Group on Use of Selective and Nonselective Nonsteroidal Antiinflammatory Drugs (*Arthritis Rheum*, August 2008)**

Volume 59, No. 12

December 15, 2008

---

EDITORIAL**1687 Interpreting Studies of Cardiovascular Mortality in Rheumatoid Arthritis: The Importance of Timing**

Michael M. Ward

► See article, page 1690

---

ORIGINAL ARTICLES*Rheumatoid Arthritis***1690 Risk of Cardiovascular Mortality in Patients With Rheumatoid Arthritis: A Meta-Analysis of Observational Studies**

J. Antonio Aviña-Zubieta, Hyon K. Choi, Mohsen Sadatsafavi, Mahyar Etminan, John M. Esdaile, and Diane Lacaille

► See editorial, page 1687

**1698 Efficacy of Wrist Working Splints in Patients With Rheumatoid Arthritis: A Randomized Controlled Study**

M. M. Veehof, E. Taal, L. M. Heijnsdijk-Rouwenhorst, and M. A. F. J. van de Laar

**1705 American College of Rheumatology Quality Indicators for Rheumatoid Arthritis: Benchmarking, Variability, and Opportunities to Improve Quality of Care Using the Electronic Health Record**

Leena G. Adhikesavan, Eric D. Newman, Mark P. Diehl, G. Craig Wood, and Androniki Bili

**1713 Incidence and Risk Factors of Prosthetic Joint Infection After Total Hip or Knee Replacement in Patients With Rheumatoid Arthritis**

Tim Bongartz, Christine S. Halligan, Douglas R. Osmon, Megan S. Reinalda, William R. Bamlet, Cynthia S. Crowson, Arlen D. Hanssen, and Eric L. Matteson

**1721 Rasch Analysis of the Dutch Health Assessment Questionnaire Disability Index and the Health Assessment Questionnaire II in Patients With Rheumatoid Arthritis**

Peter M. ten Klooster, Erik Taal, and Mart A. F. J. van de Laar

**1729 Ability of Oblique Foot Radiographs to Detect Erosions in Early Arthritis: Results in the ESPOIR Cohort**

Valerie Devauchelle-Pensec, Thierry Josseume, Isabelle Samjee, Maxime Dougados, Bernard Combe, and Alain Saraux

*Fibromyalgia***1735 Employment and Health Status Changes Among Women With Fibromyalgia: A Five-Year Study**

Susan Reisine, Judith Fifield, Stephen Walsh, and Deborah Dauser Forrest

*Lyme Disease***1742 Role of Psychiatric Comorbidity in Chronic Lyme Disease**

Afton L. Hassett, Diane C. Radvanski, Steven Buyske, Shantal V. Savage, Michael Gara, Javier I. Escobar, and Leonard H. Sigal

*Osteoarthritis***1750 Changes in Outcome Measures for Impairment, Activity Limitation, and Participation Restriction Over Two Years in Osteoarthritis of the Lower Extremities**

Stella Botha-Scheepers, Iain Watt, Frits R. Rosendaal, Ferdinand C. Breedveld, Marie-Pierre Hellio Le Graverand, and Margreet Kloppenburg

**1756 An Ultrasonographic Study of Osteoarthritis of the Hand: Synovitis and Its Relationship to Structural Pathology and Symptoms**

Helen I. Keen, Richard J. Wakefield, Andrew J. Grainger, Elizabeth M. A. Hensor, Paul Emery, and Philip G. Conaghan

*Pediatric Rheumatology***1764 Magnetic Resonance Imaging, Ultrasonography, and Conventional Radiography in the Assessment of Bone Erosions in Juvenile Idiopathic Arthritis**

Clara Malattia, Maria Beatrice Damasio, Francesca Magnaguagno, Angela Pistorio, Maura Valle, Carlo Martinoli, Stefania Viola, Antonella Buoncompagni, Anna Loy, Angelo Ravelli, Paolo Tomà, and Alberto Martini

*Rehabilitation***1773 Muscle Strength and Functional Performance in Patients With Anterior Cruciate Ligament Injury Treated With Training and Surgical Reconstruction or Training Only: A Two to Five-Year Followup**

Eva Ageberg, Roland Thomeé, Camille Neeter, Karin Gräware Silbernagel, and Ewa M. Roos

*Sjögren's Syndrome***1780 Prevalence, Severity, and Predictors of Fatigue in Subjects With Primary Sjögren's Syndrome**

Barbara Segal, William Thomas, Tyson Rogers, Joanlise M. Leon, Pamela Hughes, Danielle Patel, Ketan Patel, Jill Novitzke, Michael Rohrer, Rajaram Gopalakrishnan, Sandra Myers, Abu Nazmul-Hossain, Eshrat Emamian, Andrew Huang, Nelson Rhodus, and Kathy Moser

*Systemic Lupus Erythematosus***1788 Health Care Costs and Costs Associated With Changes in Work Productivity Among Persons With Systemic Lupus Erythematosus**

Pantelis Panopalis, Jinoos Yazdany, JoAnn Zell Gillis, Laura Julian, Laura Trupin, Aimee O. Hersh, Lindsey A. Criswell, Patricia Katz, and Edward Yelin

**1796 Steroid-Sparing Effects of Methotrexate in Systemic Lupus Erythematosus: A Double-Blind, Randomized, Placebo-Controlled Trial**

Paul R. Fortin, Michal Abrahamowicz, Diane Ferland, Diane Lacaille, C. Douglas Smith, and Michel Zummer, for the Canadian Network for Improved Outcomes in Systemic Lupus Erythematosus

*Work Disability***1805 Arthritis-Related Work Transitions: A Prospective Analysis of Reported Productivity Losses, Work Changes, and Leaving the Labor Force**

Monique A. M. Gignac, Xingshan Cao, Diane Lacaille, Aslam H. Anis, and Elizabeth M. Badley

---

*REVIEW ARTICLE***1814 C-Reactive Protein and Systemic Lupus Erythematosus**

Shilpa Gaitonde, David Samols, and Irving Kushner

---

*CONTRIBUTIONS FROM THE FIELD***1821 Short-Term Improvement of Endothelial Function in Rituximab-Treated Rheumatoid Arthritis Patients Refractory to Tumor Necrosis Factor  $\alpha$  Blocker Therapy**

Carlos Gonzalez-Juanatey, Javier Llorca, Tomas R. Vazquez-Rodriguez, Nicolas Diaz-Varela, Hermitas Garcia-Quiroga, and Miguel A. Gonzalez-Gay

---

*CLINICOPATHOLOGIC CONFERENCE***1825 A 73-Year-Old Woman With Chronic Pelvic Pain, Burning Toes, and an Eighty-Pound Weight Loss**

Julius Birnbaum, Toby C. Chai, Tehmina Z. Ali, Michael Polydefkis, and John H. Stone

---

*TRAINEE ROUNDS***1832 Stem Cell Transplant for Myelodysplastic Syndrome-Associated Histiocytoid Sweet's Syndrome in a Patient With Arthritis and Myalgias**

R. Kaiser, K. Connelly, C. Linker, J. Maldonado, and K. Fye

---

LETTERS TO THE EDITOR

**1835 Absence of Ethical Discourse in the Rheumatology Literature: Comment on the Article by Caplan et al**

C. Ronald MacKenzie

**1835 Reply**

Liron Caplan, Allan V. Prochazka, and Lilian Hoffecker

**1836 Submissions Invited for Themed Issue of *Arthritis Care & Research*: Epidemiology of the Rheumatic Diseases**

---

**1837 REVIEWERS 2008**

---

**1844 VOLUME 59 TABLE OF CONTENTS**



